

FOR ANIMAL TREATMENT ONLY

BIOCALF™ Restore

A supportive supplement for replacing nutritional losses in calves after stress or digestive upsets. Providing immediate and sustained energy, minerals, and maintains pH balance and contains salts to aid in water absorption and to metabolize energy

ACTIVE CONSTITUENTS

Grams per 50gm dose:

Dextrose 19.5,
Lactose 18.6,
Potassium chloride 1.6,
Sodium chloride 2.5
Trisodium citrate 1.2
Sodium acetate 1.6
Glycine 0.9
Alanine 0.6
Sodium bicarbonate 1.4
Monosodium phosphate 1.4

Ingredients in solution

Glucose	98 mmol/L
Lactose	52 mmol/L
Sodium	105 mmol/L
Potassium	22 mmol/L
Chloride	64 mmol/L
Acetate	20 mmol/L
Citrate	4 mmol/L
Glycine	12 mmol/L
Alanine	6 mmol/L
Phosphorus	3 mmol/L
Bicarbonate	16 mmol/L
Total	405 mmol/L

ACTIONS AND FEATURES

Supplies an immediate boost of energy from glucose, plus sustained energy from lactose. The balance of energy with sodium, potassium and glycine ensures rapid absorption of electrolytes and water. The pH balance is maintained with the alkalinizing agent's bicarbonate, citrate and acetate. Alanine and glycine are non-essential amino acids that assist with the absorption of glucose.

PREPARING THE SOLUTION

Dilute the contents of one level scoop (50grams) of **Biocalf Restore** with warm (37⁰) water. Stir until contents are suspended. Do not mix with milk.

TREATMENTS

Users must take due care, obtaining veterinary advice when necessary if symptoms persist.

Use the table below to determine the frequency of feeding for calves suffering from nutritional scours or as a preventative supplement after being stressed from transport or feed changes.

Condition	Average weight	Grams per feed	Volume per feed (L)	Feeds per day
Mild	40kg	50g	1	2 - 4
Mild	50kg	50g	1	3 - 4
Moderate	40kg	50g	2	3 - 4
Moderate	50kg	50g	2	4 - 5

Suitable for early or mild to moderate symptoms of nutritional losses or digestive upset.

USES: Can be used for stressed calves due to transportation or feed changes and as an early nutritional supplement.

Animals which are weak and unable to rise and are unable to suckle, and/or with severe dehydration will require veterinary attention for intravenous fluid replacement

Feeding milk or milk replacer should continue, by alternating feeds of milk and **BIOCALF™ Restore** solution allowing 2-3 hrs between feeds. Total litres fed per day can be reduced by half after 48hrs or once calf has responded.

WITHHOLDING PERIODS

Milk: Nil

Meat: Nil

ADMINISTRATION

Administer orally by drinking or via stomach tube when required. Prepared solution must be consumed promptly or refrigerated. Use within 24hrs of mixing.

REGULATORY INFORMATION

WARNING: Causes eye irritation. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. If eye irritation persists, get medical advice.

KEEP OUT OF REACH OF CHILDREN

STORAGE

Store in a cool dry place.

This product is an oral nutritional compound compliant with the ACVM Act 2011 S2

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**BIOCALF ANIMAL HEALTH
PRODUCTS**

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